

### **In the Specification**

On page 1, please replace the first paragraph (lines 2-5) with the following rewritten paragraph:

The present invention refers to a training bench for cyclists which includes, comprising a framework. The framework has bearing freely rotational or rotationally regulated rollers or belts on which the bicycle is located in order to allow the cyclist to be able to pedal thereon, which can be in conditions similar to those of circulation on a public thoroughfare.

On page 1, please replace the seventh paragraph (lines 30-32) with the following rewritten paragraph:

The bench of the invention comprises a framework. The framework has bearing end parallel freely rotational or rotationally regulated end rollers or belts on which the wheels of the bicycle rest.

On page 3, please insert the following paragraphs between line 8 and line 9:

Figure 4 is a block diagram illustrating a first portion of the functional connection of the training bench of Figure 1.

Figure 5 is a block diagram illustrating a second portion of the functional connection of the training bench of Figure 1.

On page 3, please replace the ninth paragraph (lines 21-23) with the following rewritten paragraph:

Next to the position of the elastic system 6, the platform 4 has parallel passages 10 through which the support is assembled in the guides 3, which can consist of bars of a cylindrical section or another section. Figures 1 and 2 show an embodiment in which the guides 3 are bars of a circular section, wherein the parallel passages of the support 4 in which the guides 3 are inserted are passages of the same section as the guides.

On page 3, please replace the tenth paragraph (lines 24-28) with the following rewritten paragraph:

Due to their particular circular sections, the The passages 40 can have bushings or bearings assembled in order to facilitate their sliding on the guides 3. The platform 4 can furthermore include clamp screws, not shown in the drawings, 44 which will allow for connect with the bars or guides 3 to prevent transversal movement of the support 4 and fix fixing the transverse position of the assembly said support 4 on the bars or guides 3. Said transverse position can also be regulated by means of springs or any system (elastic, computerized or not), which increases the stability or instability of the system.

On page 3, please replace the eleventh paragraph (lines 29-34) with the following rewritten paragraph:

The elastically deformable system 6 has a bushing, and another similar part 7, in which an upper column 8 is fixed by any system, which has supporting means 9 at its free end for the case or casing of the pedal set or any portion of the bicycle. As it can be seen in Figure 1, the bench additionally comprises The assembly of the column 8 can be aided by means of a side fork 10 which is linked to the bushing 7 by means of a threaded rod 11 and allows for its relative rotation and vertical movement of the column 8 and the supporting means 9.

On pages 3 and 4, please replace the twelfth paragraph (line 35) of page 3 and the first paragraph (lines 1-7) of page 4 with the following rewritten paragraph:

With the constitution described, the invention can work in two different modes: in the first mode, the bicycle rests on the rollers or belts 2, and not on the support 9, through the casing of the pedal set. Using the first mode, the cyclist can do cycling exercises due to the possibility of free or regulated rotation of the rollers 2, with adjustable stress or difficulty. In the second mode, the user additionally has, although there is also the possibility of distributing weight between the wheels and the support by means of an elastic system, computerized or not. Therefore, using this second mode, The cyclist can do cycling exercises, due to the possibility of free or regulated rotation of the rollers 2, with adjustable stress or difficulty. Furthermore and furthermore he will be able to tilt the bicycle towards either side, thanks to the

possibility of elastic compression and deformation of member 6, through which the horizontal stress is transmitted from the bicycle to the support 4.

On page 4, please replace the second paragraph (lines 8-9) with the following rewritten paragraph:

The position of this support 4 on the guides 3 will be able to be regulated and fixed by means of the screws 11.

On page 4, please insert the following paragraphs after line 20:

Figure 4 shows a first portion of the functional connection of the training bench of Figure 1. In particular, a computerized motor-brake system 13 is for the purpose of being able to offer and obtain different traffic conditions. The computerized motor-brake system 13 is connected and used in the rollers or belts 2. In addition, side rolling systems 14 are arranged in the front and/or rear roller or belt 2, the purpose of which would be to non-intrusively limit the side movements and to make the assembly safer in view of the bicycle possibly running off the rolling surfaces.

Figure 5 shows a second portion of the functional connection of the training bench of Figure 1. The elastic system 6 can be controlled by a servomechanism 15. In addition, both the elastic anchoring system 6 and the movement on the transverse guides 3 are controlled by computerized servomechanisms 16 for the purpose of using the system as a simulator with the minimum features. The bench has an auxiliary framing 17 to facilitate the user in getting on the bench and to serve as support and safety grip during the use thereof.